Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A Hall effect thruster comprising:

at least two acceleration channels;

each of said channels having a closed end and an open end; and

a plurality of flux guides adjacent each of said channels, said plurality of flux channels including an innermost flux guide, an outermost flux guide, and at least one intermediate flux guide.

2. (original) A Hall effect thruster according to claim 1, further comprising each of said acceleration channels having an annular configuration.

3. (original) A Hall effect thruster according to claim 1, further comprising each of said acceleration channels having a non-annular configuration.

4. (cancelled)

5. (currently amended) A Hall effect thruster according to claim 4 1, wherein each said intermediate flux guide assists in providing a magnetic field to each of said two adjacent acceleration channels.

6. (currently amended) A Hall effect thruster according to claim ~~4~~ 1, wherein each of said flux guides has an electromagnetic coil.

7. (currently amended) A Hall effect thruster according to claim ~~4~~ 1, wherein each of said flux guides has a permanent magnet.

8. (currently amended) A Hall effect thruster according to claim 15, wherein each of said acceleration channels has a gas distribution anode for introducing a propellant.

9. (currently amended) A Hall effect thruster according to claim 8, wherein said gas distribution channel in a first one of said acceleration channels introduces a first propellant and a gas distribution ~~channel~~ anode in a second one of said acceleration channels introduces a second propellant, which second propellant is different from said first propellant.

10. (currently amended) A Hall effect thruster ~~according to claim 1,~~ comprising:

at least two acceleration channels;

each of said channels having a closed end and an open end;

a plurality of flux guides adjacent each of said channels; and

wherein a first one of said acceleration channels has a discharge voltage different from a discharge voltage of a second one of said acceleration channels.

11. (currently amended) A Hall effect thruster according to claim 15, further comprising at least one cathode for neutralizing current.

12. (original) A Hall effect thruster according to claim 11, further comprising said plurality of flux guide including at least one intermediate flux guide located intermediate two adjacent ones of said acceleration channels and each said cathode being located in a hole in said intermediate magnetic flux guide.

13. (currently amended) A Hall effect thruster according to claim 15, wherein adjacent ones of said acceleration channels generate counter-rotating exhaust ~~streams~~ plumes.

14. (currently amended) A Hall effect thruster according to claim 15, wherein each said channel has non-parallel surfaces.

15. (original) A Hall effect thruster having a compact design comprising:

at least two acceleration channels with a first one of said channels surrounding a second one of said channels;

each of said channels having a closed end and an open end; and

a plurality of flux guides adjacent each of said channels.

16. (original) A Hall effect thruster according to claim 15, wherein said channels are concentric.

17. (original) A Hall effect thruster according to claim 15, wherein said channels are nested.

18. (original) A Hall effect thruster according to claim 15, wherein each of said channels is annular.

19. (original) A Hall effect thruster according to claim 15, wherein each of said channels is non-annular.